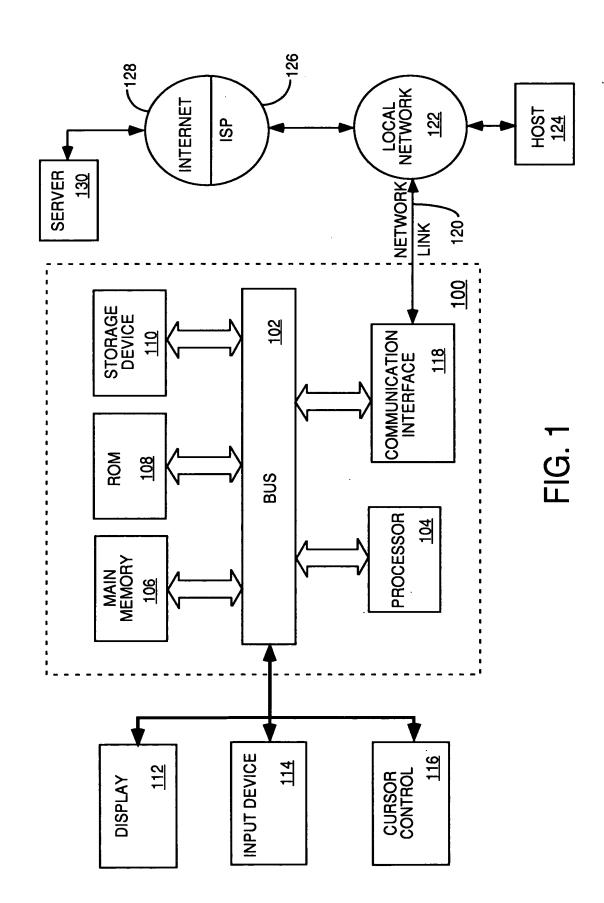
UTOMATIC SOFTWARE PRODUCTION SYST VENTOR: IBORRA AND PASTOR SERIAL NO. 09/872,413 FILING DATE: 06/01/01 DOCKET NO. CHG-001.1P



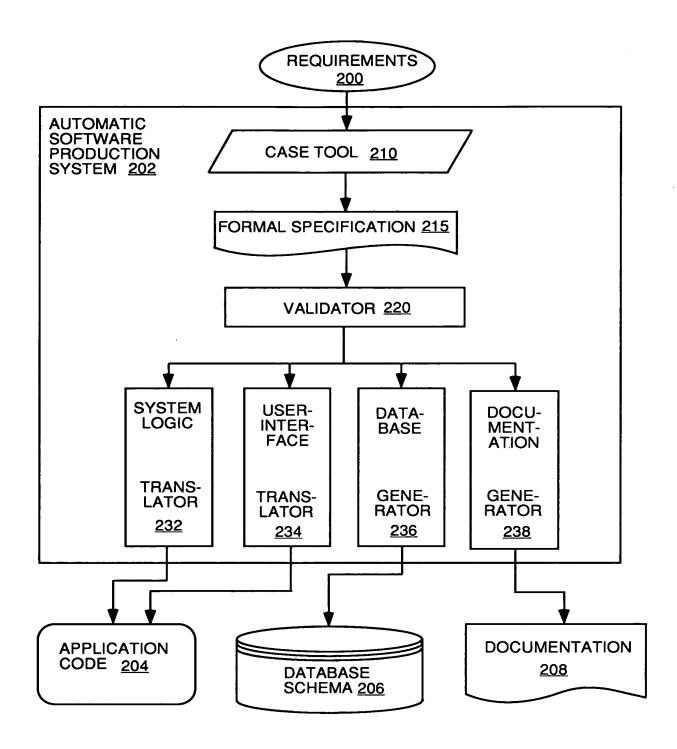
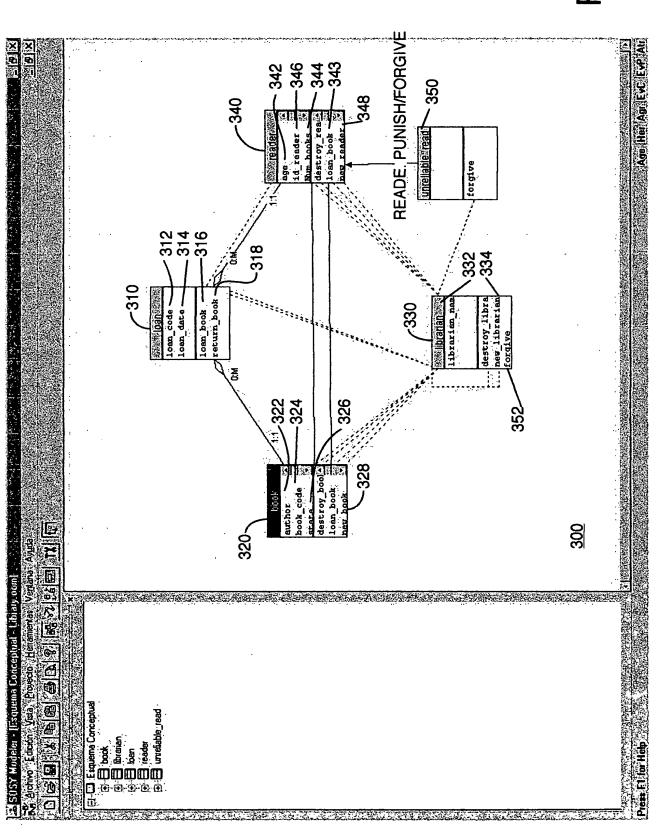


FIG. 2

e ļa

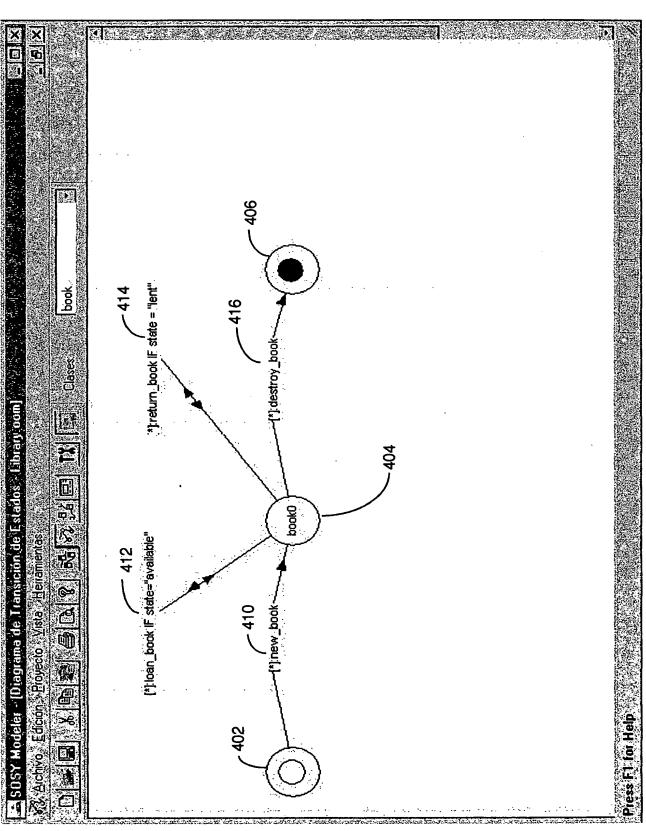
AUTOMATIC SOFTWARE PRODUCTION SYSTEM INVENTOR: IBORRA AND PASTOR SERIAL NO. 09/872,413
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3.6



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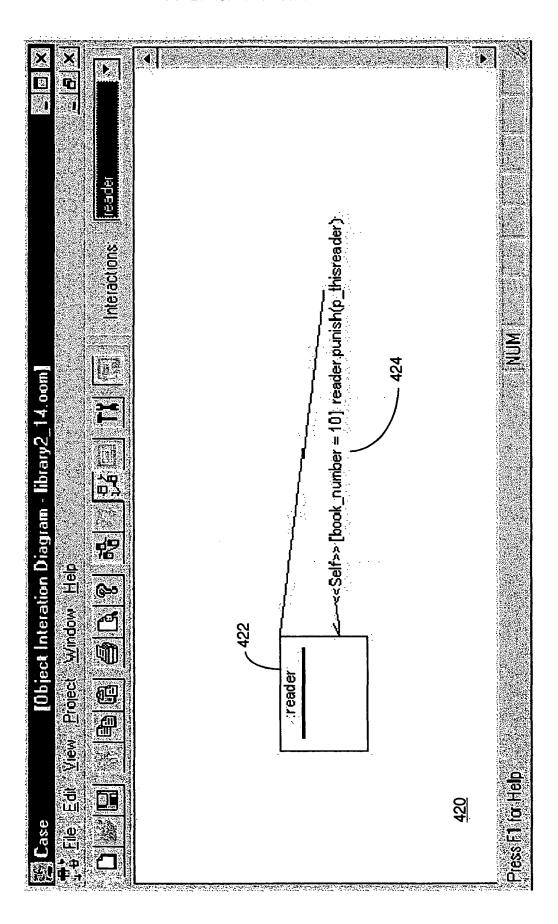
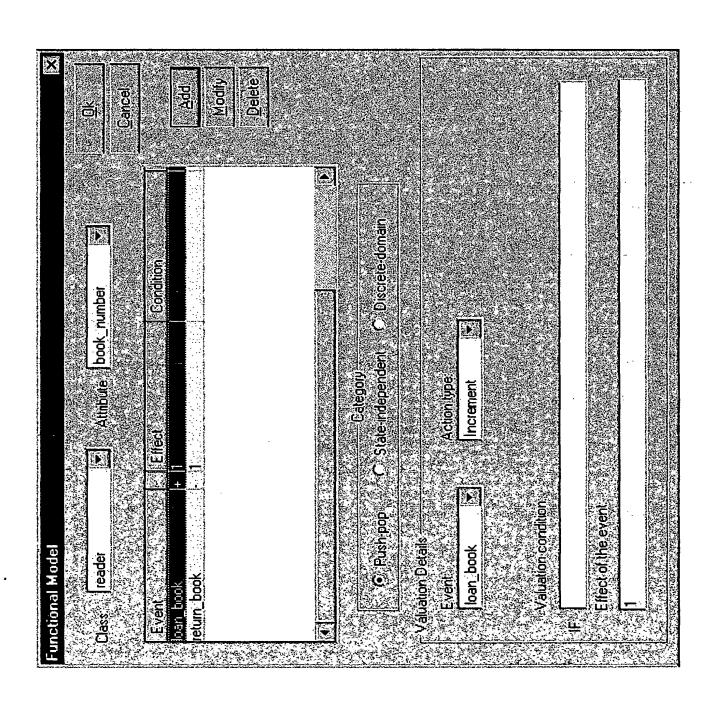


FIG. 4E

FIG 5



AUTOMATIC SOFTWARE PRODUCTION SYSTEM INVENTOR: IBORRA AND PASTOR ERIAL NO. 09/872,413 ILING DATE: 06/01/01 DOCKET NO. CHG-001.1P

FLOWCHART OF THE FUNCTIONS THAT ALL SPECIES OF SYSTEM LOGIC TRANSLATORS WILL PREFORM

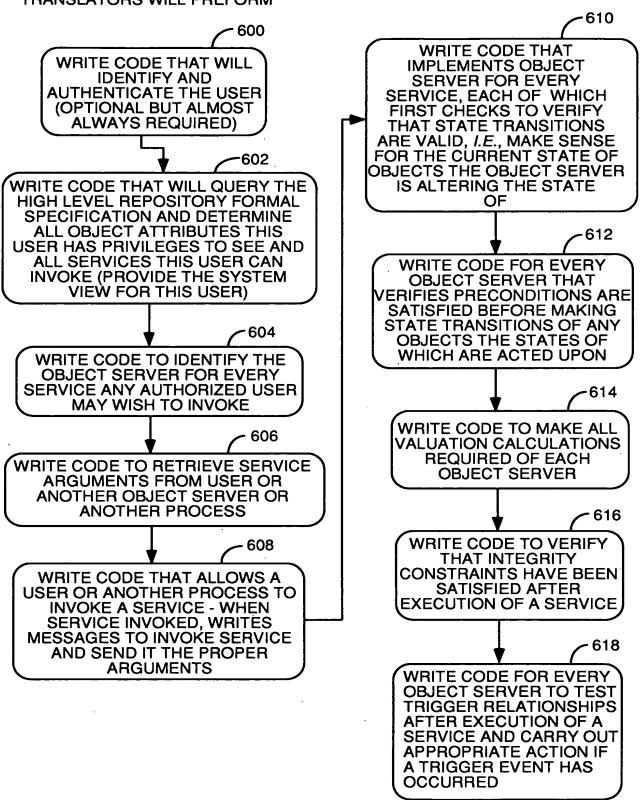


FIG. 6



AUTOMATIC SOFTWARE PRODUCTION SYSTEM INVENTOR: IBORRA AND PASTOR SERIAL NO. 09/872,413

FILING DATE: 06/01/01 DOCKET NO. CHG-001.1P

FLOWCHART OF THE FUNCTIONS THAT ALL SPECIES IN THE USER INTERFACE TRANSLATOR SUBGENUS WILL PREFORM

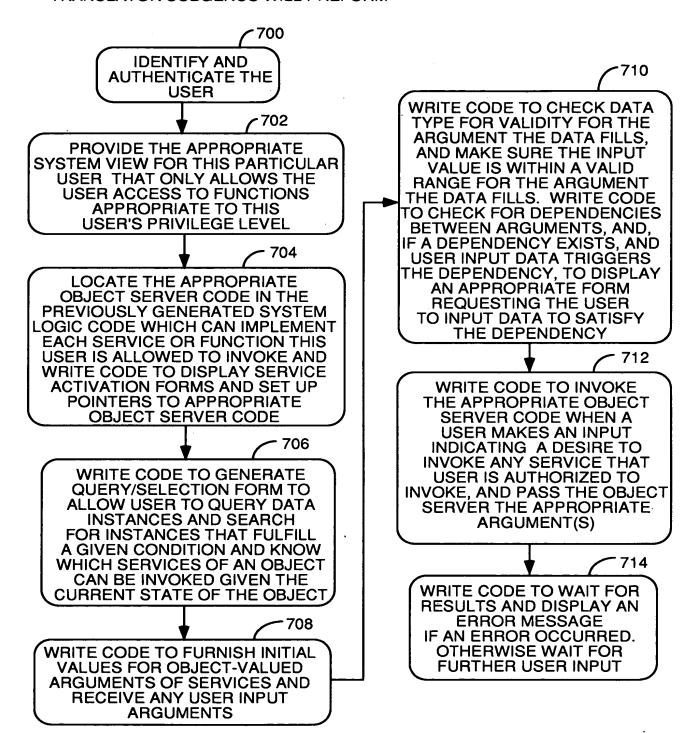


FIG. 7

FLOWCHART OF THE FUNCTIONS THAT ALL SPECIES IN THE DATABASE GENERATOR TRANSLATOR SUBGENUS WILL PERFORM

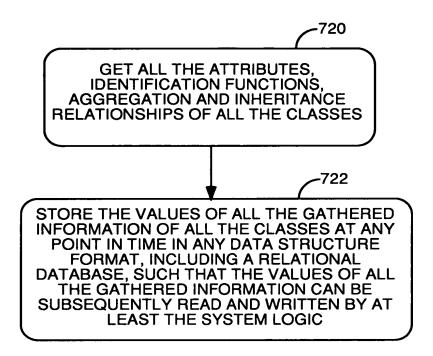


FIG. 8

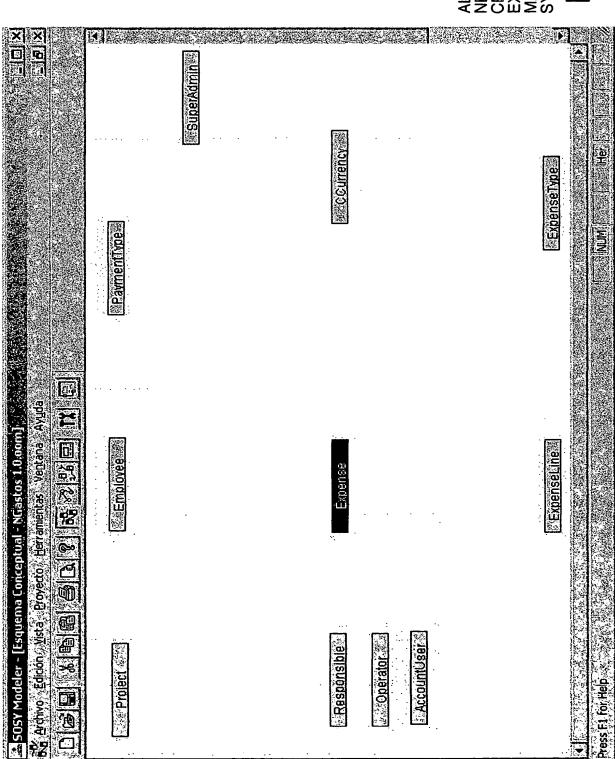
 AUTOMATIC SOFTWARE PRODUCTION SYSTEM NVENTOR: IBORRA AND PASTOR BERIAL NO. 09/872,413
FILING DATE: 06/01/01
DOCKET NO. CHG-001.1P

CLASS CREATION DIALOG

X 9 -Pross F1 (or Hol) Persons working for the company or who in the system may issue an Expense Report. G Vista: Proyecto Herramier 4 Archivo : Edición O

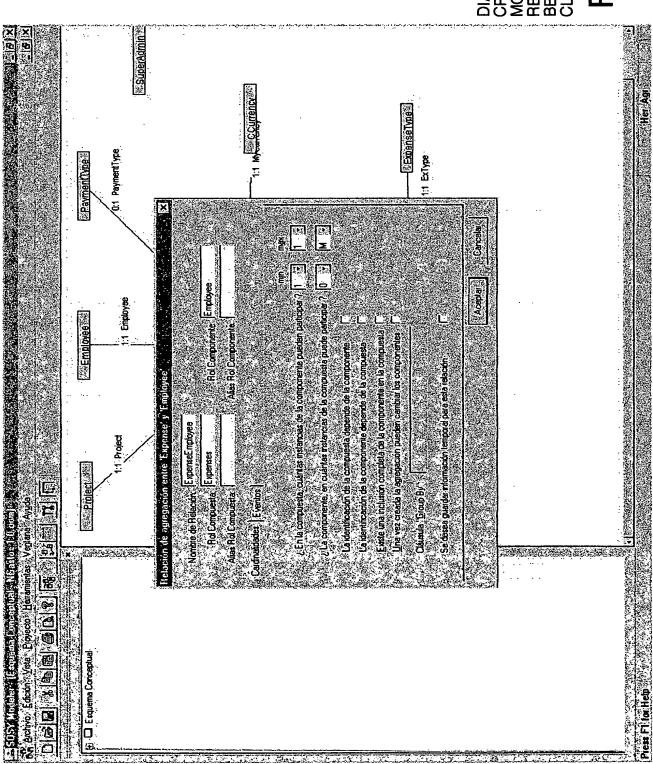
AUTOMATIC SOFTWARE PRODUCTION SYSTEM FENTOR: IBORRA AND PASTOR RIAL NO. 09/872,413
PILING DATE: 06/01/01
DOCKET NO. CHG-001.1P

ALL CLASSES NEEDED AND CREATED IN EXPENSE MANAGEMENT SYSTEM FIG. 9B



AUTOMATIC SOFTWARE PRODUCTION SYSTEM VENTOR: IBORRA AND PASTOR IRIAL NO. 09/872,413
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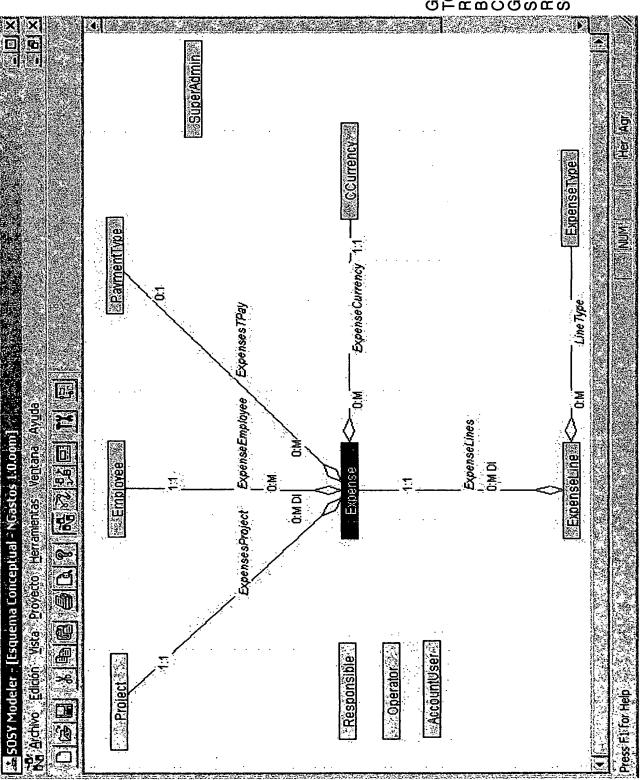
DIALOG TO CREATE AND MODIFY RELATIONSHIPS BETWEEN CLASSES



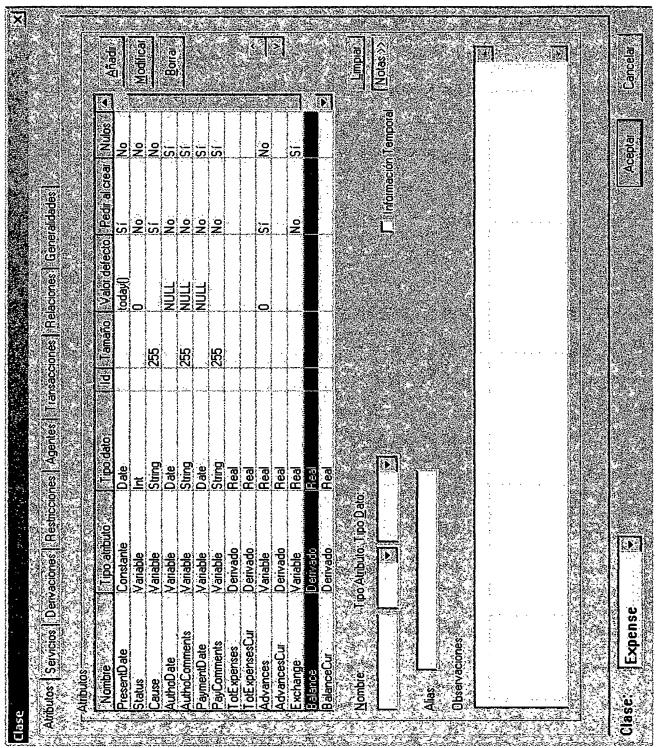
AUTOMATIC SOFTWARE PRODUCTION SYSTEM INVENTOR: IBORRA AND PASTOR SERIAL NO. 09/872,413 FILING DATE: 06/01/01 DOCKET NO. CHG-001.1P

GRAPHIC DIALOG TO CREATE RELATIONSHIPS RELATIONSHIPS SO CREATED CLASSES AND GRAPHICALL SHOW THE BETWEEN

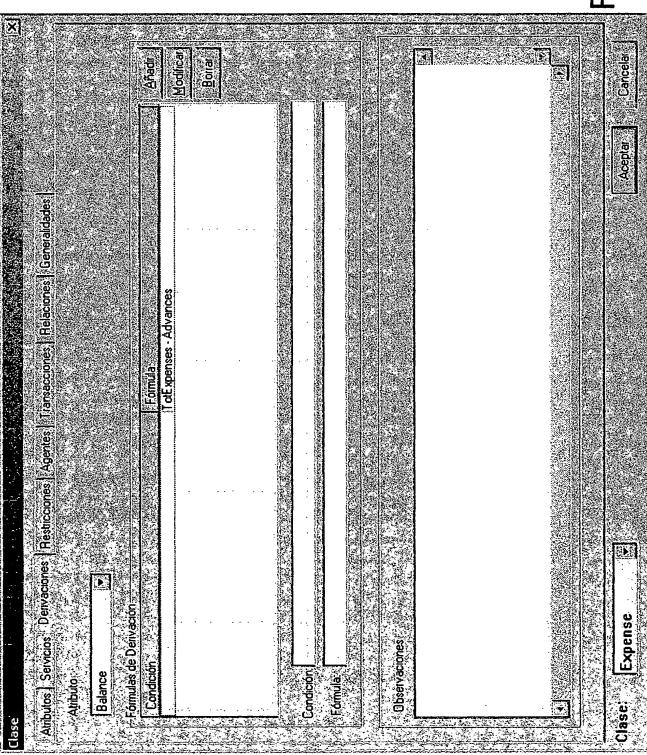
FIG. 10



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AUTOMATIC SOFTWARE PRODUCTION SYSTEM INVENTOR: IBORRA AND PASTOR SERIAL NO. 09/872,413 FILING DATE: 06/01/01 DOCKET NO. CHG-001.1P



SERVICES OF CLASS "EXPENSE"

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DIALOG TO DEFINE FORMULA FOR "DELETEALL" TRANSACTION

FIG. 13

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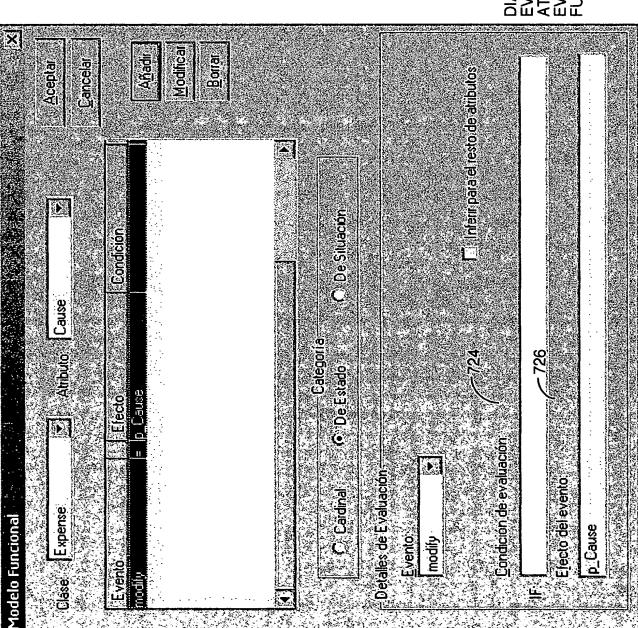
INTEGRITY CONSTRAINTS OF EXPENSE CLASS

FIG. 14

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DIALOG BOX TO CREATE EVALUATION OF "CAUSE" ATTRIBUTE WITH THE "MODIFY" EVENT TO FORM PART OF



FUNCTIONAL MODE!

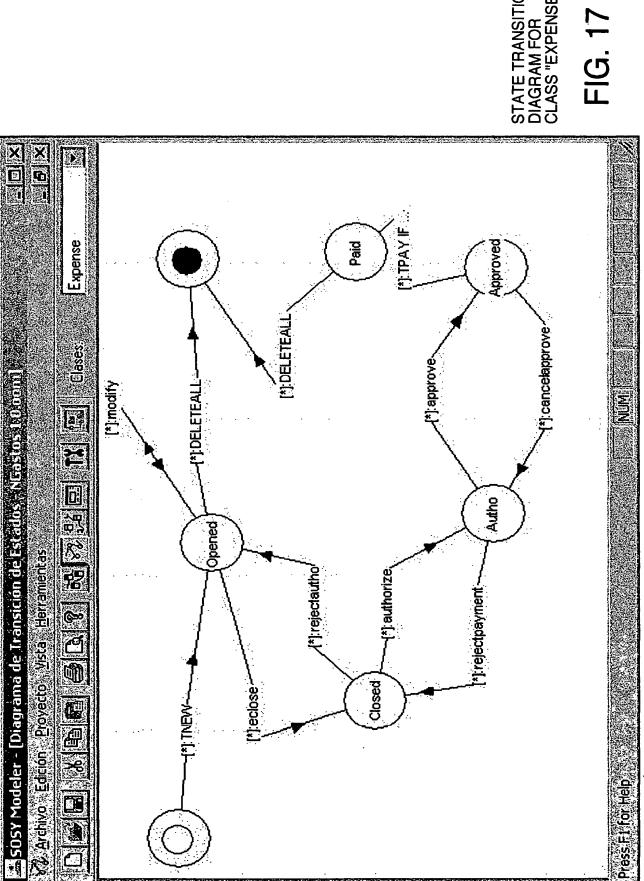
AGENT RELATIONSHIP DIALOG THAT CAN BE USED TO SET WHICH SERVICES "ACCOUNT USE" CAN ACCESS AND VISIBILITY OF CLASS ATTRIBUTES FOR THIS USER

Cancelar Temporalidad 222 Acepter Hacer temporal | No hace temporal Clase Account() ser tierre visibilidad sobre: Transaccones | Relaciones | Generaldades Clase/Accountil/ser/agente de xpense TotExpensesCur Expense rejectpayment Expense TPAY xpense.PayComments Expense PaymentDate xpense. TotExpenses xpense. PresentDate xpense id Expense xpense.AuthoDate xpense.Advances xpense approve xpense Status "Agentes Derivaciones | Restricciones AccountUser Clase servidora: * Servicios AuthoComments rejectautho DELETEALL ewexpense Servicio Clase: Atributos authorize nodify anse close

FIG. 16

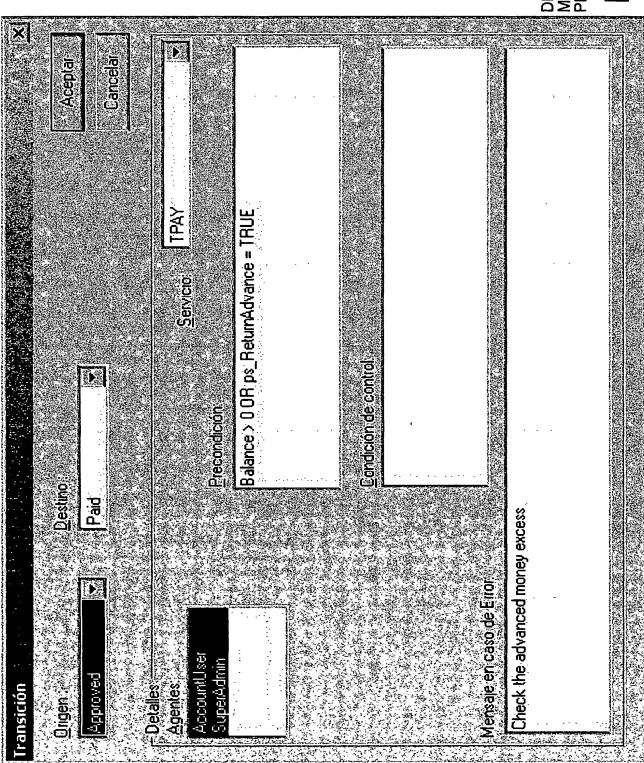
AUTOMATIC SOFTWARE PRODUCTION SYSTEM INVENTOR: IBORRA AND PASTOR SERIAL NO. 09/872,413 FILING DATE: 06/01/01 DOCKET NO. CHG-001.1P

STATE TRANSITION DIAGRAM FOR CLASS "EXPENSE"



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DIALOG BOX TO MODEL PRECONDITION FIG. 18





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DIALOG BOX USED BY SOSY MODELER TO ESTABLISH A SET OF ATTRIBUTES TO BE DISPLAYED FOR THE "EXPENSE" CLASS

X Cancelar Tipo dato String String String Date Date Real Real Real Real Real Real Real Aceptar **AuthoComments** otExpensesCur **PayComments TotExpenses** PaymentDate 4dvancesCur BalanceCur AuthoDate -xchange Atributo 4dvances 3alance anse Borrar << Ɩadir Eliminar >> Agiegar SE Balai Limpiar Tipo dato String Conjunto de Visualización mployee.EmpName String Date Date Real Ξ CV_Expense roject. ProjectName Atributos a visualizar mployee.EmpSur. **aymentDate** otExpenses 4uthoDate Nombre Atributo Balance Status Clase

FIG. 19

DIALOG BOX USED BY SOSY MODELER TO ESTABLISH THE SEARCHING CRITERIA FOR THE EXPENSE CLASS AND TO ESTABLISH THE FILTER FORMULA TO USE AND THE VARIABLES TO REQUEST THE USER TO ENTER

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FIG. 20



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25 825

FLOWCHART OF THE FUNCTIONS THAT ALL SPECIES IN THE DOCUMENTATION GENERATOR TRANSLATOR SUBGENUS WILL PERFORM

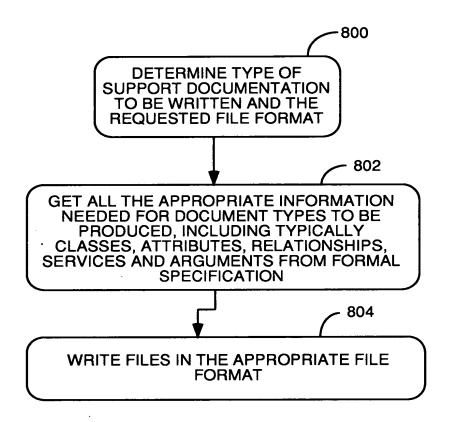


FIG. 21